

Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

VOL. XI. WASHINGTON, D. C., FEBRUARY 28, 1896. NO. 9.

UNITED STATES.

[Reports to the Supervising Surgeon-General Marine-Hospital Service.]

Ten cases of smallpox in Hirshaw, Ariz.

NOGALES, ARIZ., February 17, 1896.

SIR: I have the honor to report 10 cases of smallpox at Hirshaw, Ariz., a mining camp of about 800 inhabitants, about 30 miles east of here. The usual precautions have been taken, and further spread of the disease is not anticipated. No new cases in this locality.

Very respectfully,

W. F. CHENOWETH,
Sanitary Inspector, M. H. S.

One case of smallpox at the United States marine hospital, Cairo, Ill.

CAIRO, ILL., February 15, 1896.

SIR: I have the honor to report the admission to hospital this day of a case of smallpox, Henry Calloway, a negro roustabout. Application was promptly made to the city authorities for admission to the city pesthouse, which was declined, as that hospital is already overcrowded, its capacity being limited to 6 patients. The hospital tent was therefore erected, a floor and frame built, and a stove placed therein, and the patient properly isolated.

Very respectfully, your obedient servant,

JAMES M. GASSAWAY,
Surgeon, M. H. S.

Smallpox in Tennessee.

MEMPHIS, TENN., February 19, 1896.

No new case of smallpox since February 1. All convalescent. I believe the work accomplished with the exception of waiting for complete recovery of cases and final disinfection. * * *

MEMPHIS, TENN., February 20, 1896.

One new case of smallpox reported by local board in Mississippi County, Ark., brought from Cairo, Ill. Case is quarantined.

MEMPHIS, TENN., February 25, 1896.

* * * Released 2 from quarantine to-day. Reduced to 1 patient and 1 employee.

A. C. SMITH,
Passed Assistant Surgeon, M. H. S.

Smallpox in Illinois.

SPRINGFIELD, ILL., February 24, 1896.

SIR: It becomes my duty to inform you that 8 cases of smallpox exist at Du Quoin, in the county of Perry, in this State. The persons sick are residents. The origin of the disease is Missouri.

Very respectfully,

J. W. SCOTT, M. D.,
Secretary State Board of Health.

Arrival of British ship Hankow at Port Townsend Quarantine with smallpox patients on board.

UNITED STATES QUARANTINE STATION,
Port Townsend, Wash., February 18, 1896.

SIR: I have the honor to report the arrival at this quarantine station on the 15th instant of the British ship *City of Hankow*, thirty-five days from Callao, Peru, 29 persons on board, gravel ballast, with 2 cases of smallpox. I have taken the vessel to the station at Diamond Point for disinfection.

Very respectfully,

W. M. G. STIMPSON,
Passed Assistant Surgeon, M. H. S.

PORT TOWNSEND, WASH., February 26, 1896.

Stimpson reports another case of smallpox among crew of *Hankow*.

J. O. COBB,
Passed Assistant Surgeon, M. H. S.

Smallpox in Wisconsin.

MILWAUKEE, WIS., February 24, 1896.

SIR: I have the honor to report that 2 more cases of smallpox have occurred in the Industrial School at Waukesha, Waukesha County, making 3 cases in all. The institution has been quarantined and the inmates vaccinated, and every precaution is being taken.

The case of smallpox at Mukwonago, Waukesha County, previously reported, has recovered, and quarantine removed.

Very respectfully,

U. O. B. WINGATE,
Secretary State Board of Health.

Infectious diseases in Pennsylvania.

PHILADELPHIA, February 20, 1896.

SIR: The smallpox status in this State is as follows: Finleyville, Washington County, 1 case reported February 11, 1896. Patient came from Martin's Ferry, Ohio, where he had been visiting his brother who

was sick with smallpox. Gilberton, Schuylkill County, 1 case reported February 13. Maltby, a small mining village 2 miles from Wyoming, in Luzerne County, 1 case reported February 17. Brookville, Jefferson County, 1 case reported February 18. No origin can be obtained as to the cause of the last 3 cases named. One fatal case of cerebro-spinal meningitis has been reported in Philadelphia since January 9, date of my last report. The number of cases of diphtheria reported in Philadelphia since January 9 has been 471; number of deaths, 180.

Yours, very truly,

BENJ. LEE.

Secretary State Board of Health.

Epidemic of scarlet fever in Seattle, Wash.

The following report of scarlet fever in Seattle was received under date of February 15, 1896:

Seattle is still troubled with a severe epidemic of scarlet fever. The disease is so comparatively mild in this climate that it is not feared, and often a physician is not called in to see these cases. Children are allowed to go to school and play in the streets while suffering with the disease. The health officer has had serious trouble with the disease. Several of the public schools were closed and several persons brought before the courts for noncompliance with the quarantine laws of the city.

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, December 26, 1895, to February 26, 1896.

Places.	Date.	Cases.	Deaths.	Remarks.
Arizona:				
Hirshaw.....	Feb. 17	10	.....
Nogales.....	Jan. 6-Feb. 8.....	3	.....
Arkansas:				
Crittenden County.....	Jan. 19.....	24	5	
Faulkner County.....	Jan. 4-Feb. 8.....	27	4	
Monroe County.....	To Feb. 8.....	43	.....
Lee County.....	do.....	12	3	
St. Francis County.....	do.....	16	6	
Pulaski County.....	do.....	4	.....
Widener.....	Jan. 4.....	1	.....
Surrounded Hill.....	do.....	1	.....
Connecticut:				
Middletown.....	Feb. 11	1	.....
New Haven.....	Feb. 8	1	.....
Illinois:				
Cairo.....	Jan. 14-Feb. 15.....	15	2	
Chicago.....	Dec. 1-Dec. 31.....	.....	2	
Du Quoin, Perry County.....	Feb. 24	8	.....
Indiana:				
Seymour.....	Jan. 29.....	1	.....
Louisiana:				
New Orleans.....	Dec. 21-Dec. 28.....	10	2	
.....	Dec. 28-Jan. 25.....	26	7	
.....	Jan. 23-Feb. 15.....	25	5	
Michigan:				
Detroit.....	Dec. 14-Dec. 21.....	.....		Smallpox reported.
.....	Dec. 21-Dec. 28.....	3	1	
.....	Dec. 28-Feb. 15.....	8	2	
Imlay Township.....	Feb. 7-Feb. 14.....	.....		Do.
Ionia Township.....	do.....	.....		Do.
Rochester.....	Dec. 14-Dec. 21.....	.....		Do.
Saginaw.....	Feb. 1-Feb. 15.....	.....		Do.
Riga Township.....	do.....	.....		Do.
Missouri:				
Birds Point.....	Jan. 14.....	.....		Do.
St. Louis.....	Jan. 21.....	1	.....
New York:				
Brooklyn.....	Jan. 4-Jan. 11.....	2	1	
.....	Feb. 15-Feb. 22.....	1	.....
Ohio:				
Martins Ferry.....	Dec. 1-Dec. 28.....	139	3	

Smallpox in the United States as reported to the Supervising Surgeon-General Marine-Hospital Service, December 26, 1895, to February 26, 1896—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Pennsylvania:				
Knoxville.....	Dec. 17.....	1	.....
Brookville.....	Feb. 18.....	1	.....
Finleyville.....	Feb. 11.....	1	.....
Gilberton.....	Feb. 13.....	1	.....
Maltby.....	Feb. 17.....	1	.....
Tennessee:				
Fayette County.....	Jan. 1-Jan. 31.....	1	.....
Obion County.....	Jan. 1-Jan. 31.....	2	.....
Memphis.....	Dec. 15-Dec. 31.....	17	.....
	Jan. 1-Jan. 31.....	21	.....
	Feb. 8-Feb. 15.....	1	.....
	Dec. 15-Dec. 31.....	9	.....
Shelby County:				
Alamo.....	Jan. 1-Jan. 31.....	35	.....
	Dec. 15-Dec. 31.....	6	.....
Texas:				
Houston.....	Feb. 1-Feb. 8.....	1	.....
Washington:				
Port Townsend Quarantine...	Feb. 18-Feb. 26....	3	.....
Wisconsin:				
Mukwonago.....	Feb. 6.....	1	.....
Waukesha.....	Feb. 6-Feb. 24....	3	.....
Wausau.....	Dec. 28.....	1	.....

Report of immigration at Boston for the week ended February 22, 1896.

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, February 22, 1896.**

Number of alien immigrants who arrived at this port during the week ended February 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896.				
Feb. 16	Steamship Boston.....	Yarmouth, Nova Scotia.....		46
Do.	Steamship Peruvian.....	Glasgow, Scotland.....		3
Feb. 18	Steamship Angloman.....	Liverpool, England.....		1
Do.	Steamship Baltimore.....	London, England.....		1
Feb. 19	Steamship Sachem.....	Liverpool, England.....		2
Do.	Schooner Lorena Maud.....	Liverpool, Nova Scotia.....		1
Feb. 20	Steamship Boston.....	Yarmouth, Nova Scotia.....		37
Do.	Steamship Philadelphia.....	Liverpool, England.....		2
	Total.....			93

**THOMAS F. DELHANTY,
Commissioner of Immigration.**

Report of immigration at Philadelphia for the week ended February 22, 1896.

**OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, February 22, 1896.**

Number of alien immigrants who arrived at this port during the week ended February 22, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896.				
Feb. 16	Steamship Maryland.....	London and Swansea.....		1
Feb. 19	Steamship Penland.....	Liverpool and Queenstown.....	7	64
	Total.....			7
				65

**JNO. J. S. RODGERS,
Commissioner of Immigration.**

February 28, 1896

*Report of immigration at New York for the week ended February 22, 1896.***OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, February 22, 1896.***Number of alien immigrants who arrived at this port during the week ended February 22, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants from Russia.	No. of immigrants.
1896.				
Feb. 16	Steamship Prussia.....	Hamburg	187	302
Do....	Steamship Etruria.....	Liverpool and Queenstown.....	1	94
Do....	Steamship St. Louis	Southampton.....	8	127
Feb. 17	Steamship La Normandie.....	Havre.....	1	246
Feb. 18	Steamship Bonn	Bremen.....	74	367
Feb. 20	Steamship Britannia.....	Naples.....	.....	303
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	.....	149
Do....	Steamship München.....	Bremen	73	175
Do....	Steamship Werra	Genoa and Gibraltar .....	.....	492
Feb. 21	Steamship Southwark.....	Antwerp.....	6	271
Do....	Steamship Edam.....	Rotterdam	30	172
Do....	Steamship Havel	Bremen	5	203
Feb. 22	Steamship Scotia	Naples.....	.....	135
	Total.....		385	3,036

**Dr. J. H. SENNER,
Commissioner of Immigration.***Vessels arriving at, departing from, and remaining at United States quarantine stations.***BRUNSWICK QUARANTINE.***Week ended February 22, 1896.*

Name of vessel.	Date of arrival.	Where from.	Destina-tion.	Treatment of vessel and cargo.	Date of dep'ture.
Span. bk. Progresso*.....	Feb. 13	Habana	Brunswick	Disinfected.....	Feb. 20
Span. bg. San Salvador.....	Feb. 21	.....do.....	.....do.....	Held for disinfection.....	.....
Brit. sch. W. R. Huntley.....	Feb. 22	.....do.....	.....do.....	.....do.....	.....

* Previously reported.

Three vessels inspected and passed.

DELAWARE BREAKWATER QUARANTINE.*Week ended February 23, 1896.*

Two vessels inspected and passed.

GULF QUARANTINE.*Week ended February 23, 1896.*

Three vessels inspected and passed.

KEY WEST QUARANTINE.*Week ended February 11, 1896.*

Two vessels inspected and passed.

Week ended February 18, 1896.

One vessel inspected and passed.

REEDY ISLAND QUARANTINE.*Week ended February 16, 1896.*

Fifteen vessels inspected and passed.

Week ended February 22, 1896.

Five vessels inspected and passed.

SAN DIEGO QUARANTINE.

Week ended February 19, 1896.

Two vessels inspected and passed.

SOUTH ATLANTIC QUARANTINE.

Week ended February 15, 1896.

Three vessels inspected and passed.

SOUTHPORT QUARANTINE.

Week ended February 22, 1896.

One vessel inspected spoken and passed.

Reports of States and yearly and monthly reports of cities.

ALABAMA—Mobile.—Month of January, 1896. Estimated population, 31,076. Total deaths, 64, including phthisis pulmonalis, 5, and enteric fever, 1.

CONNECTICUT—New Haven.—Month of December, 1895. Estimated population, 100,000. Total deaths, 134, including phthisis pulmonalis, 30; enteric fever, 3; and diphtheria and croup, 7.

Month of January, 1896. Total deaths, 131, including phthisis pulmonalis, 14; enteric fever, 3; and scarlet fever, 1.

FLORIDA.—Month of December, 1895. Reports to the State board of health from 45 counties, including the cities of Key West, Jacksonville, Pensacola, and Tampa, having an aggregate population of 391,322, show a total of 281 deaths, including phthisis pulmonalis, 40; enteric fever, 7; diphtheria, 1; and croup, 1.

INDIANA—Evansville.—Month of January, 1896. Estimated population, 60,000. Total deaths, 63, including phthisis pulmonalis, 4; enteric fever, 3; scarlet fever, 1; and diphtheria, 4.

MASSACHUSETTS—Fitchburg.—Month of January, 1896. Estimated population, 26,394. Total deaths, 30, including phthisis pulmonalis, 4, and enteric fever, 1.

Worcester.—Month of January, 1896. Estimated population, 102,000. Total deaths, 135, including phthisis pulmonalis, 28; enteric fever, 1; diphtheria, 6; and whooping cough, 2.

MICHIGAN.—Week ended February 15, 1896. Reports to the State board of health from 51 observers indicate that pneumonia and inflammation of kidney increased and typhoid fever decreased in area of prevalence. Phthisis pulmonalis was reported present during the month at 243 places, scarlet fever at 40, diphtheria at 28, enteric fever at 21, whooping cough at 19, measles at 17, and smallpox at 5 places—Detroit, Imlay Township, Ionia, Riga Township, and Saginaw.

NEW YORK.—Year of 1895. Reports to the State board of health from 8 districts, having an estimated aggregate population of 6,650,000, show a total of 121,735 deaths, including smallpox, 11; phthisis pul-

monalis, 13,267; enteric fever, 1,716; scarlet fever, 850; diphtheria and croup, 4,989; measles, 1,266; and whooping cough, 1,169.

OHIO—*Columbus*.—Month of January, 1896. Estimated population, 100,000. Total deaths, 130, including phthisis pulmonalis, 25; enteric fever, 2; scarlet fever, 1; and diphtheria, 9.

RHODE ISLAND.—Month of November, 1895. Estimated population, 378,483. Total deaths, 564, including phthisis pulmonalis, 65; enteric fever, 14; scarlet fever, 3; diphtheria, 60; croup, 10; measles, 6; and whooping cough, 3.

PUBLICATIONS RECEIVED.

Sanitäts-Bericht-über die Königlich Preussische Armee, das XII (Königlich Sächsische) und das XIII (Königlich Württembergische) Armeekorps, für dew Berichtszeitraum, vom 1 April, 1890, vis 31 März, 1892.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—							
				Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	
Allegheny, Pa.	Feb. 22	105,287	47	2	...	...	...	...	2	...	1
Ashtabula, Ohio	do	8,338	2	...	...	...	...	...	...	...	1
Auburn, N. Y.	Feb. 15	25,858	10	2	...	...	...	...	1	7	2
Baltimore, Md.	Feb. 22	434,439	184	22	...	...	...	...	...	...	1
Battle Creek, Mich.	Feb. 15	13,197	4	5	...	...	...	...	...	...	1
Do	Feb. 22	12,197	2	...	...	...	...	...	...	...	1
Belleville, Ill	Feb. 15	15,361	5	...	...	...	...	1	...	...	1
Bennington, Vt.	Feb. 22	6,391	2	...	...	...	...	...	...	...	1
Beverly, Mass.	do	10,821	2	...	...	...	...	...	1	...	1
Binghamton, N. Y.	do	35,005	4	1	...	...	...	...	...	...	1
Braddock, Pa.	do	8,561	5	...	...	...	...	...	...	...	1
Bridgeport, Conn.	do	48,866	7	...	...	...	...	...	...	...	1
Bristol, Conn.	Feb. 15	7,382	5	...	...	...	...	...	...	...	1
Bristol, R. I.	do	5,478	2	1	...	...	...	...	...	...	1
Brockton, Mass.	do	27,294	1	2	...	...	...	...	...	...	1
Brookline, Mass.	do	12,103	4	...	...	...	...	...	...	...	1
Brooklyn, N. Y.	Feb. 22	806,343	448	37	...	...	...	2	4	32	11
Butler, Pa.	do	8,734	3	...	...	...	...	...	...	...	8
Cambridge, Mass.	do	70,028	22	1	...	...	...	...	...	...	4
Charleston, S. C.	Feb. 15	*54,955	+36	5	...	...	...	1	...	1	...
Chester, Pa.	Feb. 1	20,226	5	...	...	...	...	...	...	...	...
Do	Feb. 8	20,226	16	...	...	...	...	1	...	2	...
Do	Feb. 15	20,226	13	2	...	...	...	...	...	1	...
Chicago, Ill	do	1,099,850	479	49	...	...	...	24	27	1	3
Cincinnati, Ohio	Feb. 21	296,908	120	14	...	...	...	2	1	1	3
Cleveland, Ohio	do	261,353	90	7	...	...	...	2	...	3	...
Columbus, Ind.	Feb. 22	6,719	3	...	...	...	...	...	...	...	...
Council Bluffs, Iowa	Feb. 15	21,474	10	3	...	...	...	...	...	...	...
Dayton, Ohio	Feb. 20	61,220	23	3	...	...	...	...	1	...	...
Dedham, Mass.	Feb. 15	7,123	1	...	...	...	...	...	...	...	...
Denver, Colo	Feb. 1	106,713	37	10	...	...	...	3	3	1	...
Do	Feb. 8	106,713	31	8	...	...	...	3	3	1	...
Detroit, Mich.	Feb. 22	205,876	98	6	7	...	...	...	...	2	...
Elizabeth, N. J.	do	37,764	...	...	...	...	...	...	1	...	...
El Paso, Tex.	Feb. 15	10,338	7	2	...	...	...	...	...	2	...
Emporia, Kans.	Feb. 22	7,551	2	...	...	...	...	...	...	...	...
Everett, Mass.	do	11,068	9	...	...	...	...	...	...	...	...
Fall River, Mass.	do	74,398	31	1	...	...	...	1	3	...	...
Fitchburg, Mass.	Feb. 15	22,037	4	...	...	...	...	...	...	...	...
Do	Feb. 22	22,037	6	...	...	...	...	...	...	...	...
Fort Smith, Ark.	Jan. 26	11,311	3	...	...	...	...	1	...	...	...
Do	Feb. 1	11,311	5	1	...	...	...	1	...	...	...
Do	Feb. 8	11,311	0	...	...	...	...	...	...	...	...
Do	Feb. 15	11,311	7	...	...	...	...	...	...	...	...
Fort Worth, Tex.	Feb. 8	23,076	4	...	...	...	...	...	...	...	...
Gloucester, Mass.	Feb. 15	24,651	11	1	...	...	...	...	...	...	...
Do	Feb. 22	24,651	2	...	...	...	...	...	...	...	...
Grand Rapids, Mich.	Feb. 15	60,278	26	2	...	...	...	1	...	...	...
Green Bay, Wis.	do	9,069	2	...	...	...	...	...	...	...	...
Haverhill, Mass.	Feb. 22	27,412	13	1	...	...	...	...	3	...	...
Hoboken, N. J.	Feb. 15	43,648	24	...	...	...	...	1	1	2	...
Hornellsville, N. Y.	do	10,996	3	...	...	...	...	...	...	...	...
Ironton, Ohio	Feb. 22	10,939	4	...	...	...	...	...	...	...	...
Jamestown, N. Y.	Feb. 15	16,038	5	...	...	...	...	...	...	...	...
Jersey City, N. J.	Feb. 16	163,003	3	...	...	...	...	5	1	1	...
Kalamazoo, Mich.	Feb. 15	17,853	2	...	...	...	...	...	...	...	...
Do	Feb. 22	17,853	4	1	...	...	...	...	...	...	...
Lawrence, Mass.	Feb. 15	44,654	20	1	...	...	...	...	...	...	...
Lebanon, Pa.	do	14,664	3	...	...	...	...	...	...	...	...
Lowell, Mass.	Feb. 22	77,696	32	8	...	...	...	3	...	...	...
Ludington, Mich.	do	7,517	4	...	...	...	...	...	...	...	...
Lynchburg, Va.	do	19,709	5	1	...	...	...	...	...	...	...
McKeesport, Pa.	Feb. 15	20,741	9	...	...	...	...	...	...	...	...
Manchester, N. H.	do	44,126	21	...	...	...	...	2	...	...	...
Do	Feb. 22	44,126	15	...	...	...	...	1	...	...	...
Marinette, Wis.	do	11,523	3	...	...	...	...	...	...	...	...
Medford, Mass.	do	11,079	4	1	...	...	...	...	...	...	...
Melrose, Mass.	Feb. 15	8,519	3	...	...	...	...	...	...	...	...
Memphis, Tenn.	Feb. 22	64,495	27	9	...	...	...	...	...	1	...
Michigan City, Ind.	do	10,776	2	...	...	...	...	...	...	...	...
Middletown, Ohio	Feb. 15	7,681	1	...	...	...	...	...	...	...	...
Millville, N. J.	Feb. 21	10,002	2	...	...	...	...	...	...	...	...

* Estimated population, white, 28,870; colored, 36,295. Total, 65,165. † White, 6; colored, 30.

Table of temperature and rainfall, week ended February 17, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.	22		7	1.05		.30
Portland, Me.	23		6	.96		.35
Northfield, Vt.	17		9	.55		.30
Boston, Mass.	28		3	.84		.17
Vineyard Haven, Mass.	33	0		.84	.61	
Nantucket, Mass.	31		3	.77	.09	
Woods Hole, Mass.	31		4	.84	.54	
Block Island, R. I.	31			1.26		
New Haven, Conn.	28		3	1.05		.53
Albany, N. Y.	26		3	.63		.52
New York, N. Y.	32		5	.92		.24
Harrisburg, Pa.	33		5	.67		.39
Philadelphia, Pa.	36		5	.84		.14
Atlantic City, N. J.	34		4	.81	.40	
Baltimore, Md.	37		2	.91		.06
Washington, D. C.	36		1	.84	.16	
Lynchburg, Va.	42		3	.87		.06
Cape Henry, Va.	44		1	.84		.54
Norfolk, Va.	44		2	.91		.67
Charlotte, N. C.	46		3	1.12		.79
Raleigh, N. C.	45		2	1.00		.21
Kittyhawk, N. C.	46			.91		
Wilmington, N. C.	51		3	.81		.62
Columbia, S. C.	50		2	.96		.66
Charleston, S. C.	54		1	.84		.43
Augusta, Ga.	52		4	.91		.46
Savannah, Ga.	56		3	.77	.06	
Jacksonville, Fla.	60		3	.80		.29
Jupiter, Fla.	67		3	.79	.62	
Key West, Fla.	72		3	.42	.09	
Gulf States:						
Atlanta, Ga.	48		6	1.34		1.03
Tampa, Fla.	66		8	.77		.11
Pensacola, Fla.	58		6	.98		.30
Mobile, Ala.	56		6	1.17	.23	
Montgomery, Ala.	54		6	1.33		.07
Meridian, Miss.	54		9	1.79		.96
Vicksburg, Miss.	54		5	1.19		.27
New Orleans, La.	59		5	1.05	.03	
Shreveport, La.	52		3	1.19		.89
Fort Smith, Ark.	43		1	.91		.11
Little Rock, Ark.	46		3	1.61	.10	
Palestine, Tex.	53		1	.98	.34	
Galveston, Tex.	58		3	.77		.53
San Antonio, Tex.	57		2	.56		.06
Corpus Christi, Tex.	59		3	.62		.44
Ohio Valley and Tennessee:						
Memphis, Tenn.	46		5	1.40		.62
Nashville, Tenn.	43		5	1.40		.59
Chattanooga, Tenn.	47		7	1.33		.07
Knoxville, Tenn.	44		6	1.26	.07	
Louisville, Ky.	39		4	1.19	.12	.34
Indianapolis, Ind.	32		2	.84	.12	
Cincinnati, Ohio.	37		3	.98		.49
Columbus, Ohio.	32		3	.91		.34
Parkersburg, W. Va.	37		3	.77		.24
Pittsburg, Pa.	34		5	.76		.41
Lake Region:						
Oswego, N. Y.	24		8	.63	.37	
Rochester, N. Y.	24		6	.63	.62	
Buffalo, N. Y.	24		7	.70	.72	
Erie, Pa.	28		7	.91	.26	
Cleveland, Ohio.	28		6	.75	.05	
Sandusky, Ohio.	28		6	.84		.01
Toledo, Ohio.	28		8	.51	.66	
Detroit, Mich.	27		10	.60	.35	
Lansing, Mich.	25		8	.51	.16	
Port Huron, Mich.	22		6	.63	.08	
Alpena, Mich.	17		6	.56		.30
Sault Ste. Marie, Mich.	13		6	.35	.22	
Marquette, Mich.	15		6	.42	.03	
Green Bay, Wis.	17		6	.74		.64
Grand Haven, Mich.	24		7	.56		.21

* The figures in these columns represent the average daily departure.

February 28, 1896

Table of temperature and rainfall, week ended February 17, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hun- dredths.		
	Normal.	*Excess.	*Defic'ney.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Milwaukee, Wis.	23		5	.45		.09
Chicago, Ill.	28		6	.63	.93	
Duluth, Minn.	12		11	.28		.22
Upper Mississippi Valley:						
St. Paul, Minn.	15		6	.21		.08
La Crosse, Wis.	18		5	.22		.01
Dubuque, Iowa	22		4	.42	.18	
Davenport, Iowa	24		4	.38	.17	
Des Moines, Iowa	22			.35	.05	
Keokuk, Iowa	28		4	.46	.02	
Springfield, Ill.	31		3	1.05		.06
Cairo, Ill.	39		3	1.05		.27
St. Louis, Mo.	35		2	.70	1.17	
Missouri Valley:						
Columbia, Mo.	34		2	.83	.01	
Springfield, Mo.	37		2	.90	.54	
Kansas City, Mo.	32	1		.42	.16	
Wichita, Kans.	38	1		.35		.35
Concordia, Kans.	29	7		.14		.14
Omaha, Nebr.	24	4		.21		.07
Sioux City, Iowa	19	4		.14		.14
Yankton, S. Dak.	19	5		.20		.14
Valentine, Nebr.	23	8		.14		.14
Huron, S. Dak.	12	4		.14		.14
Pierre, S. Dak.	14	6		.07		.07
Moorhead, Minn.	4		5	.21		.14
Bismarck, N. Dak.	8		3	.14		.06
Williston, N. Dak.	8		4	.14		.13
Rocky Mountain Region:						
Havre, Mont.	14	3		.14		.14
Helena, Mont.	22	16		.14		.14
Miles City, Mont.	15	6		.14		.14
Rapid City, S. Dak.	22	11		.21		.21
Spokane, Wash.	28	12		.55		.55
Walla Walla, Wash.	35	11		.49		.47
Baker City, Oreg.	24	14		.42		.42
Winnemucca, Nev.	34	3		.22		.22
Salt Lake City, Utah	33	5		.35		.17
Lander, Wyo.	22	8		.07		.07
Cheyenne, Wyo.	27	4		.07		.07
North Platte, Nebr.	26	12		.07		.07
Denver, Colo.	33	5		.14		.03
Pueblo, Colo.	34	3		.16		.16
Dodge City, Kans.	32	7		.14		.14
Oklahoma City, Okla.	40	2		.18		.18
Abilene, Tex.	48	1		.28	.09	
Santa Fe, N. Mex.	33	0		.16	.02	
El Paso, Tex.	50		4	.13		.06
Phoenix, Ariz.	54	3		.28		.28
Pacific Coast:						
Port Angeles, Wash.	37	9		.85		.25
Fort Canby, Wash.	42	4		1.80	.10	
Astoria, Oreg.	44	3		1.89	.38	
Portland, Oreg.	41	7		1.68		1.41
Roseburg, Oreg.	43	2		1.19		1.05
Eureka, Cal.	46			1.85		
Red Bluff, Cal.	49	5		.86		.86
Carson City, Nev.	36	5		.42		.42
Sacramento, Cal.	50	4		.77		.77
San Francisco, Cal.	52	4		.95		.95
Fresno, Cal.	50	3		.28		.28
Independence, Cal.	43	4		.14		.14
Los Angeles, Cal.	55	6		.91		.91
San Diego, Cal.	55	4		.63		.63
Yuma, Ariz.	59			.14		

* The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General Marine-Hospital Service, December 26, 1895, to February 26, 1896.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic :				
Buenos Ayres.....	Dec. 21-Dec. 28.....	3	.....
Austria-Hungary	Nov. 19-Dec. 2.....	43	25	
	Dec. 10-Dec. 30.....	21	11	
	Dec. 31-Jan. 27.....	16	11	
				From outbreak (August 23, 1895) to date 438 cases, 236 deaths.
Egypt: *				
Ahmadieh.....	Nov. 6-Nov. 12.....	25	22	
Ahu-el-Chekuk.....	Dec. 23-Jan. 4.....	2	1	
Alexandria	Dec. 24-Dec. 31.....	.....	1	
	Jan. 4.....	1	.....
	Jan. 11-Jan. 22.....	14	11	
Arnie.....	Jan. 12-Jan. 14.....	7	2	
Ayat.....	Jan. 15.....	1	1	
Bigalat.....	Nov. 4-Nov. 13.....	7	7	
Bossat.....	Jan. 6-Jan. 9.....	2	.....
Bourrate.....	Nov. 4-Nov. 22.....	36	35	
Borachia.....	Nov. 20-Dec. 17.....	22	34	
	Jan. 2.....	2	2	
Cairo.....	Dec. 7-Dec. 11.....	1	2	
	Jan. 10-Jan. 11.....	1	1	
Charkieh.....	Dec. 30-Dec. 31.....	2	2	
	Jan. 11-Jan. 13.....	1	1	
Damietta.....	Nov. 7-Dec. 23.....	86	79	
El Daraksa.....	Nov. 7-Nov. 14.....	2	1	
El Kurdi.....	Nov. 4-Nov. 11.....	7	7	
	Dec. 29.....	1	1	
Ezbet el Berg.....	Nov. 7-Nov. 25.....	32	25	
Ezbet Khalafala Pacha.....	Nov. 7-Nov. 13.....	5	2	
Farascoor.....	Nov. 14-Dec. 22.....	48	39	
	Dec. 29-Jan. 7.....	2	2	
Hehya.....	Dec. 8-Dec. 13.....	.....	1	
Kafr el Battekh.....	Dec. 6-Dec. 24.....	22	17	
Kafr el Zoonar.....	Nov. 16-Nov. 20.....	4	2	
Kafr Galailah.....	Dec. 19-Dec. 24.....	6	5	
Kolonghil.....	Nov. 6-Nov. 9.....	1	1	
Mansurah	Nov. 21-Dec. 17.....	1	1	
	Dec. 29-Jan. 1.....	2	2	
Matarieh	Nov. 4-Nov. 22.....	20	20	
	Dec. 8.....	1	1	
Menzaleh.....	Nov. 4-Nov. 16.....	35	41	
Mit Chaddad.....	Jan. 7.....	1	.....
Salamann.....	Nov. 8-Nov. 18.....	10	8	
San el Hagar.....	Jan. 2-Jan. 3.....	1	1	
Sawalem.....	Jan. 9.....	.....	2	
Zarka.....	Dec. 6-Dec. 24.....	8	4	
	Dec. 29-Jan. 8.....	6	4	
Zagazig.....	Nov. 22-Dec. 18.....	6	4	
	Jan. 1-Jan. 11.....	3	3	
India :				
Bombay.....	Nov. 19-Dec. 24.....	.....	15	
	Jan. 14-Jan. 21.....	.....	2	
Calcutta.....	Nov. 10-Dec. 28.....	.....	332	
	Dec. 25-Jan. 4.....	.....	41	
	Jan. 4-Jan. 11.....	.....	36	
Japan :				
Yokohama	Nov. 8-Nov. 15.....	1	1	
Chiba Ken	Jan. 6-Jan. 25.....	20	13	
	Jan. 24-Feb. 3.....	12	16	
Ibaraki Ken.....	Jan. 24-Feb. 3.....	3	.....
Morocco :				
Cas Blanca.....	Jan. 11.....	.....		Cholera reported.
Mazagan	Jan. 11.....	.....		Do.
Stellen.....	Dec. 15.....	.....	13	
Russia :				
Kiev (government).....	Oct. 13-Nov. 11.....	156	64	
Orlov.....	Nov. 11-Dec. 21.....	52	24	
	Nov. 3-Dec. 7.....	17	6	

* To date of December 18, 1895, 1,056 cases of cholera, with 874 deaths, have been reported throughout Egypt.

Cholera and Yellow Fever, etc.—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Orel (government).....	Nov. 3-Dec. 7...	17	6	
St. Petersburg.....	Nov. 16-Dec. 1...	85	31	Cholerina.
	Dec. 1-Dec. 28...	275	178	Do.
	Dec. 28-Jan. 11...	79	43	
	Jan. 25-Feb. 1...	7	7	
St. Petersburg (government).....	Nov. 17-Dec. 7...	21	.....
	Dec. 8-Dec. 28...	27	11	
Volhynia (government).....	Oct. 13-Nov. 10...	2,297	952	
	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
Turkey:				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Brenna.....	Jan. 17.....	.....	.....	Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....	.....	.....
Gazran.....	Dec. 21-Jan. 14...	67	42	Cholera reported in 3 localities.

YELLOW FEVER.

Brazil:				
Ceara	Nov. 30.....	1	1	
	Dec. 24-Dec. 31...	.....	4	
Rio de Janeiro.....	Nov. 9-Nov. 30...	.....	43	
	Dec. 1-Dec. 28...	.....	136	
	Dec. 28-Jan. 11...	.....	190	
	Jan. 11-Jan. 18...	.....	137	
Pernambuco	Nov. 1-Nov. 15...	8	.....
Cuba:				
Cienfuegos.....	Dec. 8-Dec. 22...	.....	2	
	Dec. 29-Jan. 19...	.....	5	
Habana	Nov. 28-Dec. 19...	40	14	
	Dec. 26-Jan. 2...	7	3	
	Jan. 2-Feb. 20...	33	10	
Santiago.....	Dec. 7-Dec. 21...	.....	29	
	Dec. 21-Dec. 28...	.....	12	
	Dec. 28-Jan. 4...	.....	15	
	Jan. 4-Feb. 15...	.....	47	
Sagua la Grande.....	Dec. 1-Dec. 21...	43	3	
	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 8...	3	.....
Mexico:				
Tuxpan.....	Jan. 11-Jan. 25...	.....	4	
Puerto Rico:				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Jan. 18.....	.....	1	"Several other deaths."

Current Quarantine Notes.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitssamtes," Berlin, January 8 and 29, and February 5, 1896.]

JAPAN.—The quarantine regulations ordered July 9 and July 30,* 1895, against arrivals from ports in the Provinces of China occupied by Japanese troops, notably Korea, Formosa, and the Pescadores islands, have been out of force since December 17.

EGYPT.—According to resolution of the international council of health of January 7 pilgrims from Egypt are subjected to a ten-days' quarantine at El Tor, and to medical inspection and disinfection of their effects at Abou Saad, near Djeddah. In case of cholera outbreak on board of ship they shall be subject to a further quarantine at Camaran. Pilgrims are received at Tor only from March 1 to April 30. Those who arrive after April 30 are sent to Camaran. The bills

* Abstract of Sanitary Reports Nos. 24 and 40.

of health given at ports contain a statement as to the extent of the prevalence of the epidemic in the country.

MALTA.—Quarantine against Tangier has been suspended since January 10. By order of the local government of January 16 arrivals from Alexandria are subject to a quarantine of eleven days from the date of departure.

NETHERLANDS.—According to advices of January 20 quarantine measures against arrivals from Morocco are suspended for all ports of the said country.

PORTUGAL.—By ministerial proclamation of December 24 the port of Tangier is declared suspect. Under date of December 28 all ports of Austria-Hungary are declared clean.

SPAIN.—By royal proclamation of January 15 quarantine is ordered for arrivals from Rio de Janeiro and Santos. All ports situated within 165 kilometers of the said ports are declared suspect.

SWEDEN.—Notice from the college of commerce of January 17 states that the quarantine stations on the Island of Fejan and in the Sound of Stockholm are closed from the date named.

TURKEY.—Arrivals from Egypt are subject, since January 22, to five days' quarantine and to disinfection of their effects at one of the stations belonging to the quarantine system, viz: Beirut, Tripoli, and in Africa, Klazomena and Abu Said.

Cholera notes.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, February 5, 1896.]

AUSTRIA-HUNGARY.—From January 21 to 27, 1 case of cholera and 3 choleraic deaths were reported from Trembowla in Galicia.

RUSSIA.—Cases and deaths were reported as follows to the medical department up to January 4: City of St. Petersburg, from December 28 to January 4, 28 cases, 19 deaths; in the government of St. Petersburg, from December 22 to 28, 16 cases, 7 deaths; government of Kiew, from December 15 to 21, 12 cases, 6 deaths.

TURKEY.—Advices of January 21 state that at Constantinople about 1 death from cholera is verified weekly by bacteriological examination. Many more cases occur which are not so verified. In all the cases known the patients had eaten oysters or shell fish from the Golden Horn.

From the vilayet of Bitlis and the district of Seert, from January 15 to 20, 11 cases, 7 deaths were reported, and from Gazran, in a period of 24 days preceding January 14, 67 cases, 42 deaths. In the vilayet of Diarbekir, according to advices of January 16, the epidemic is present in 3 localities. In Brena, near Tripolis in Syria, the epidemic broke out about January 17. In the village of Finedik there were 49 choleraic deaths to a population of 350 toward the close of the past year.

EGYPT.—From January 17 to 24, new cases and deaths (6 each from January 17 to 22) were reported only from Alexandria.

EAST INDIES—Calcutta.—From December 15 to 28 there were 68 choleraic deaths.

BRAZIL.

Sanitary report from Rio de Janeiro.

RIO DE JANEIRO, January 14, 1896.

SIR: I have the honor to transmit report for week ended January 11, 1896.

There were 17 deaths from *acesso pernicioso*, a decrease of 20; 114

from yellow fever, an increase of 36; 33 from smallpox, an increase of 5; 5 from beriberi, a decrease of 1; 16 from enteric fever, an increase of 10; 40 from tuberculosis, a decrease of 6, and 1 from whooping cough, the same as in the foregoing week. From all causes there were 470 deaths, being 3 less than in the previous week.

Yellow fever.—As usual in the hot season this disease is increasing, but with the last week's rains and fall in the temperature it has lessened in the last three days but increased in the week.

Smallpox.—This disease is stationary though there was a slight increase in the number of deaths.

Enteric fever.—The large increase in the number of deaths from this cause, I believe, need cause no alarm as diseases of the digestive system are usually rife at this season, and many are called "typhoid" fever which are no more than indigestion caused by dietetic excesses in extremely hot weather.

Since last report the following-named ships have been visited and received bills of health from this office: January 8, 1896, bark *Humboldt*, German, for Pensacola, Fla., and ship *Ellerslie*, British, for Ship Island, Mississippi; January 10, steamship *Strabo*, British, from Santos, for New York, N. Y.; January 11, steamship *Creole Prince*, British, for New York, from Santos.

Respectfully yours,

R. CLEARY,
Sanitary Inspector, M. H. S.

CHINA.

Report of infectious diseases in China—Bubonic plague in Canton and Hongkong.

Under date of January 21, 1896, the United States consul at Canton reports as follows:

Smallpox and measles have been prevalent for a portion of this month (January), and there has been considerable diphtheria among the natives of Canton and vicinity.

A few cases of bubonic plague have occurred in Canton. It has also appeared this month in Hongkong. As usual, over one-half the cases are fatal.

Typhus and bilious fevers have become numerous with the changeable winter months.

CUBA.

Mortality report of Santiago.

SANTIAGO DE CUBA, February 15, 1896.

SIR: I have the honor to transmit report for the week ended Saturday, February 15. The total number of deaths for this period has been 51. Of these, 7 from yellow fever, 6 from tuberculosis, 9 from remittent and 5 from pernicious fevers, 10 from enteritis, 1 from pneumonia complicated with varicella; the rest from noncontagious diseases.

A general order has been issued by the authorities to all the practicing physicians of the town to report any case of smallpox presenting itself, for the purpose of sending any such case to a smallpox hospital, provided by the municipality, outside the city limits; but this measure will not prevent, in my judgment, the development of the terrible disease if it should further appear among us, as no quarantine is enforced

upon the coasting steamers coming from the port of Manzanillo, where smallpox is epidemic, and most likely some passengers will arrive with the disease in its period of incubation, which later on will develop into a more or less malignant form of smallpox. Yellow fever seems stationary, and, as the troops are now in active operations in the field, those taken with it are carried to the provisional hospitals established in the surrounding country.

Bills of health have been issued during the week to the following vessels: February 9, steamship *Earnford*, British, for Philadelphia, and steamship *Earnwood*, British, for Baltimore; February 10, steamship *Earnwell*, British, for Baltimore; February 11, steamship *Chollertm*, British, for New Orleans; February 13, steamship *Ironopolis*, British, for Baltimore; February 14, steamship *Remus*, British, for Philadelphia; February 15, steamship *Topia*, British, for Philadelphia, and steamship *Niagara*, American, for New York (visa).

Respectfully,

Dr. HENRY S. CAMINERO,
Sanitary Inspector, M. H. S.

DENMARK.

Quarantine measures in the Danish Antilles against Cuba.

COPENHAGEN, January 29, 1896.

SIR: This legation has just received from the Danish foreign office a note to the effect that the Government of the Danish Antilles, in view of the prevalence of yellow fever and other epidemic diseases in malignant form in Cuba, has replaced the quarantine of five days against vessels from the ports of that island by a quarantine of fifteen days.

I have the honor to be, sir, your obedient servant,

JOHN E. RISLEY,
U. S. Envoy Extraordinary and Minister Plenipotentiary.
Hon. SECRETARY OF STATE.

ENGLAND.

Report on the existence of infectious diseases in Liverpool.

LIVERPOOL, January 30, 1896.

SIR: Information having reached me that the health authorities at New York had notified certain steamship lines that on account of the prevalence of smallpox and typhus in this and other places in England, it would thereafter be necessary for the forecastles of vessels to be fumigated, I, in order to ascertain the facts so far as Liverpool is concerned, communicated with the medical officer of health here, and I now inclose a copy of his reply with the request that the information be furnished to the health officers at the various ports of entry in the United States.

I may add that I obtain each week from the medical officer of health his official report of the sanitary condition of the city during the previous two weeks so that I may give reliable information on this point in the bills of health issued by this office to vessels sailing hence to the United States. Whenever a large number of cases of infectious diseases exist I make a point of specially communicating the same to the Surgeon General of the Marine-Hospital Service or to the Department, but since the commencement of this year, as stated in the inclosed com-

February 28, 1896

munication, not a single case of smallpox has appeared, and only 13 cases in all of typhus.

I am, sir, your obedient servant,

JAMES E. NEAL,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure.]

PUBLIC HEALTH DEPARTMENT,
Liverpool, January 29, 1896.

SIR: In reply to your letter of to-day, I beg to inform you that the city is at present particularly free from infectious disease. Not a single case of smallpox exists at the present time, nor has there been any notified during the past two months. Typhus is not at all prevalent, only some 13 cases having been reported since January 1, 5 of which came from one house.

Yours, faithfully,

E. W. HOPE,
Medical Officer of Health.

UNITED STATES CONSUL, *Liverpool.*

FRANCE.

Abatement of the smallpox epidemic in Marseilles.

MARSEILLES, *January 27, 1896.*

SIR: I have the honor to report that the scourge of smallpox which has afflicted this place for some months past has abated to such an extent that the city proper may now be considered free from the disease. It seems now to be confined to the village of Mozargue, a suburban town on the southern limits of the city, the population of which is largely composed of Italian workingmen. As I have heretofore reported, the city authorities give no figures concerning epidemics of any nature, but from the statements of physicians and others in position to know the facts I believe it well within the limits to place the number of cases during the epidemic in Marseilles proper at 5,000. During the past two months more than 40,000 persons have been vaccinated at the public establishments, and this, with other precautions, has been successful in clearing the city of the epidemic.

In view of present conditions I have considered it my duty to inform shippers that the quarantine restrictions will be removed thirty days from this date.

I am, sir, your obedient servant,

CLAUDE M. THOMAS,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

JAPAN.

Cholera in Japan.

YOKOHAMA, JAPAN, *February 4, 1896.*

SIR: I have the honor to report that the outbreak of cholera in Chiba Ken, of which I notified you in my letter of January 25, still continues, and the disease has appeared also in the Ken of Ibaraki, as follows: January 24 to February 3, Chiba Ken, 12 cases, 16 deaths; January 24 to February 3, Ibaraki Ken, 3 cases.

I am, sir, very respectfully,

STUART ELDREDGE, M. D.,
Sanitary Inspector, M. H. S.

PUERTO RICO.

Reporting deaths from yellow fever in San Juan.

SAN JUAN DE PUERTO RICO, January 18, 1896.

SIR: I have the honor to report that Gen. Gamin y Maladen, governor-general and captain-general of this province, died last night at 6 o'clock at the official residence of Sta. Catalina in this city, of yellow fever.

There have been several deaths in the city from yellow fever. The palace of "Sta. Catalina" is very close to this consulate.

I am, sir, your obedient servant,

JOHN D. HALL,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

MOROCCO.

Cholera and enteric fever reported present in Morocco.

Under date of February 1, 1896, the United States consul-general at Morocco writes as follows:

In the interior of Morocco there have been during the month of January cases of cholera and an epidemic of typhoid fever among the Sultan's troops in the southern part of Morocco.

STATISTICAL REPORTS.

AUSTRALIA—Queensland—Brisbane.—Month of October, 1895. Estimated population, 93,657. Total deaths, 90, including 11 from whooping cough.

Month of November, 1895. Total deaths, 105, including enteric fever, 3; diphtheria, 1; and whooping cough, 16.

New South Wales—Newcastle.—Month of October, 1895. Estimated population, 15,329. Total deaths, 32, including 2 from enteric fever.

Month of November, 1895. Total deaths, 38, including enteric fever, 3, and scarlet fever, 1.

Month of December, 1895. Total deaths, 22, including 4 from enteric fever.

Sydney—Month of November, 1895. Estimated population, 423,600. Total deaths, 658, including enteric fever, 6; diphtheria, 4; and whooping cough, 6.

BAHAMAS—Dunmore Town.—Two weeks ended February 14, 1896. Estimated population, 1,472. One death. No death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended February 13, 1896. Estimated population, 3,900. No deaths.

CUBA—Habana.—Under date of February 22, 1896, the United States sanitary inspector reports as follows:

There were 134 deaths in this city during the week ended February 20, 1896. Two of those deaths were caused by yellow fever, with

approximately 9 new cases, 6 were caused by enteric fever, 5 by so-called pernicious fever, 5 by paludal fever, 14 by enteritis, 2 by dysentery, 1 by smallpox, 2 by pneumonia, and 1 by the grippe. The 2 deaths from yellow fever during the week occurred in the military hospital.

FRANCE—*Roubaix*.—Month of January, 1896. Estimated population, 120,000. Total deaths, 207, including enteric fever, 2; diphtheria, 2; and measles, 19.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 33 great towns of England and Wales during the week ended February 8 correspond to an annual rate of 20.5 a thousand of the aggregate population, which is estimated at 10,860,971. The lowest rate was recorded in Croydon, viz, 15.3, and the highest in Bolton, viz, 26.9 a thousand.

London.—One thousand seven hundred and sixty-two deaths were registered during the week, including smallpox, 1; measles, 76; scarlet fever, 19; diphtheria, 63; whooping cough, 99; typhus fever, 1; enteric fever, 7; and diarrhea and dysentery, 16. The deaths from all causes corresponded to an annual rate of 20.7 a thousand. In greater London 2,202 deaths were registered, corresponding to an annual rate of 18.7 a thousand of the population. In the "outer ring" the deaths included 12 from diphtheria, 10 from measles, and 14 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 8 in the 16 principal town districts of Ireland was 25.5 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 9.1, and the highest in Cork, viz, 38.8 a thousand. In Dublin and suburbs 165 deaths were registered, including scarlet fever, 16; enteric fever, 2; and whooping cough, 2.

Dublin.—Year ended December 28, 1895. Estimated population, 349,594. Total deaths, 9,742, including smallpox, 122; enteric fever, 42; and scarlet fever, 18.

Scotland.—The deaths registered in 8 principal towns during the week ended February 8 corresponded to an annual rate of 18.8 a thousand of the population, which is estimated at 1,500,435. The lowest mortality was recorded in Leith, viz, 9.8, and the highest in Paisley, viz, 25.7 a thousand. The aggregate number of deaths registered from all causes was 548, including measles, 4; scarlet fever, 6; diphtheria, 10; and whooping cough, 32.

GUIANA—*Parimaribo*.—Month of December, 1895. Estimated population, 29,832. Total deaths, 87, including 1 from leprosy.

JAMAICA.—Week ended February 1, 1896. Estimated population, 580,804. Total number of deaths not reported. One death from enteric fever.

NORFOLK ISLAND.—Month of September, 1895. Estimated population, 832. No deaths.

Month of October, 1895. Total deaths, 2. No deaths from contagious diseases.

Month of November, 1895. Total deaths, 3. No deaths from contagious diseases.

ST. HELENA.—Four weeks ended January 25, 1896. Estimated population, 3,600. Total deaths, 2. No deaths from contagious diseases.

SPAIN—*Death rate per 1,000 inhabitants of the 50 Spanish capitals of Provincia for the year 1894.*—Tarragona, 21.20; Pontevedra, 24.10; Santa Cruz de Tenerife, 24.70; Palma de Mallorca, 24.70; Vitoria, 28.80; San Sebastian, 29.70; Valencia, 29.70; Soria, 29.80; Castellon, 31.10; Barcelona, 31.90; Cordoba, 32.30; Alicante, 33; Habana, 33.05; Malaga, 33.10; Caceres, 33.40; Teruel, 34; Avila, 34.10; Zaragoza, 34.30; Sevilla, 34.50; Pamplona, 35; Huesca, 35; Lerida, 35.50; Albacete, 36.20; Huelva, 36.40; Oviedo, 36.60; Murcia, 36.80; Guadalajara, 36.80; Corunna, 36.80; Cuenca, 39.90; Badajoz, 37.10; Burgos, 37.60; Almeria, 37.60; Bilbao, 37.80; Lugo, 38.10; Orense, 38.30; Iaen, 38.30; Valladolid, 38.40; Ciudad Real, 38.40; Granada, 39.10; Santander, 39.30; Segovia, 39.40; Madrid, 39.80; Zamora, 40.30; Gerona, 40.80; Salamanca, 40.90; Cadiz, 41.50; Logroño, 42.60; Toledo, 42.90; Palencia, 43.60; Leon, 45.

Barcelona.—Month of January, 1896. Estimated population, 440,000. Total deaths, 1,025, including smallpox, 37; enteric fever, 23; phthisis pulmonalis, 103; influenza, 32; and diphtheria, 48.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—						
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Aix la Chapelle.....	Feb. 1.....	110,605	52					3	14	9
Alexandria.....	Jan. 21.....	231,396	192	7				1	2	
Amersburg.....	Feb. 15.....	2,300	0							
Amsterdam.....	Feb. 8.....	456,192	145					1	5	3
Antwerp.....	Feb. 1.....	262,065	73				1	4	2	
Belfast.....	Feb. 8.....	277,354	143				3	1	3	4
Belleville.....	Feb. 10.....	10,318	2							
Do.....	Feb. 17.....	10,318	1							
Berlin.....	Jan. 25.....	1,687,943	630					3	12	9
Birmingham.....	Feb. 8.....	496,751	193					3	5	11
Bologna.....	do.....	146,973	93						1	
Bremen.....	Feb. 1.....	141,937	56				1		2	
Brunswick.....	Feb. 8.....	115,000						5	6	
Brussels.....	Feb. 1.....	507,985	172				5	1	1	4
Budapest.....	Feb. 5.....	350,000					1	2	7	6
Cairo.....	Jan. 21.....	374,838	309		1	1	2		1	1
Callao.....	Jan. 25.....	25,000	22		1					
Cardiff.....	Feb. 8.....	162,690	57							
Catania.....	Feb. 4.....	120,000	92				2	3		
Chatham.....	Feb. 15.....	9,052	5							
Christiansburg.....	Feb. 8.....	174,717	43				1			
Cienfuegos.....	Feb. 16.....	23,000	13							
Coaticook.....	Feb. 15.....	2,500	0							
Cognac.....	Feb. 8.....	17,500	8							
Cologne.....	Feb. 1.....	320,973	114				1	2	2	2
Colombo.....	Jan. 11.....	130,000	100							
Copenhagen.....	Jan. 25.....	333,714	107				1	1		3
Do.....	Feb. 1.....	333,714	97				1	1		5
Corunna.....	do.....	32,113	39		3	8				
Crefeld.....	Feb. 8.....	107,000	35					1		1
Dresden.....	Feb. 1.....	334,068	116					1	8	1
Dublin.....	Feb. 8.....	350,000	165				2			
Dundee.....	do.....	161,620	55				1			5
Edinburgh.....	do.....	273,535	94					3		1
Frankfort on the Main.....	do.....	228,750	87					1	1	1
Genoa.....	do.....	182,594	144				1	1		
Gibraltar.....	Feb. 9.....	25,800	9							
Girgenti.....	Feb. 1.....	24,428	11							
Glasgow.....	Feb. 8.....	705,052	260				5	3	2	17
Gothenburg.....	Jan. 25.....	111,234	45				1	1	1	
Do.....	Feb. 1.....	111,234	33					3	2	
Guayaquil.....	Feb. 7.....	50,000	72		2	32				
Halifax.....	Feb. 15.....	38,700	12							
Hamburg.....	Feb. 8.....	625,532	187				1	2		3
Hanover.....	Do.....	526,212	65							1
Do.....	Jan. 4.....	526,212	59							
Do.....	Jan. 18.....	526,212	76							
Do.....	Jan. 25.....	526,212	56							
Hongkong.....	Jan. 18.....	232,662	(*)							
Iquique.....	Jan. 4.....	33,106	25							
Do.....	Jan. 11.....	33,106	32							
Do.....	Jan. 18.....	33,106	35							
Do.....	Jan. 25.....	33,106	33							
Kehl, Strasburg.....	do.....	141,156	50					2		1
Do.....	Jan. 31.....	141,156	48				1	1	1	
Konigsberg.....	Feb. 1.....	171,700						5	3	
Do.....	Feb. 8.....	171,700						3		
Leeds.....	do.....	395,546	156				1	3	1	4
Leghorn.....	do.....	103,434	49							
Leith.....	do.....	73,048	14				1	2		
Licata.....	Feb. 1.....	20,000	10							
Liége.....	Feb. 8.....	160,848	45					1		
Liverpool.....	do.....	641,063	312				1	1	1	10
London, Canada.....	Feb. 15.....	35,000	10							2
London, England.....	Feb. 1.....	6,150,500	1,983				15	20	71	56
Lyons.....	Do.....	500,000	171				1	2		1
Madrid.....	Feb. 25.....	500,000	186				3	4	2	
Do.....	Jan. 14.....	482,816	337		6	7				
Do.....	Jan. 21.....	482,816	425		3	7		6		
Do.....	Jan. 28.....	482,816	437		2	7		7	3	
Magdeburg.....	Dec. 28.....	214,628	77							4
Manchester.....	Feb. 8.....	531,697	213				4	4		14

* Eleven deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Mannheim.....	Feb. 1....	88,400	32								
Matamoras.....	Feb. 14....	8,000	4					1			
Mayence.....	Feb. 8....	74,917	25					2			
Melbourne.....	Dec. 21....	1,140,405	59					4			
Do.....	Dec. 28....	1,140,405	59					7			
Do.....	Jan. 4....	1,140,405	59					6	2		
Messina.....	Jan. 11....	1,140,405	59								
Montevideo.....	Feb. 1....	107,000	55								
Do.....	Feb. 8....	107,000	62					2			
Munich.....	Jan. 4....	215,061	72						1		
Newcastle on Tyne.....	Jan. 18....	215,061	51							1	
Nuremberg.....	Feb. 1....	406,000	171						1	3	6
Nogales.....	Feb. 8....	212,223	64					1	2		2
Do.....	Feb. 15....	1,580	1							1	
Do.....	Jan. 18....	160,964	59								1
Palermo.....	Jan. 25....	160,964	65							1	
Paris.....	Feb. 1....	273,000	143						2	6	2
Paris.....	do.....	2,424,705	1,059					7	4	11	29
Plymouth.....	Feb. 8....	86,781	33								
Prague.....	Feb. 1....	196,377	120						1	2	3
Rheims.....	Feb. 8....	105,408	55					1			1
Puerto Cortez.....	Feb. 12....	1,856	1								
Rio de Janeiro.....	Jan. 11....	600,000	470	114	33		16				1
Rotterdam.....	Feb. 8....	276,338	129					1	1		
Sagua la Grande.....	do.....	17,536	21								
St. Johns, West Indies.....	do.....	16,679	15								
St. Petersburg.....	Feb. 1....	954,400	728	7	3	2	32	23	23	26	8
St. Stephens.....	Feb. 15....	3,000	1								
St. Thomas.....	Jan. 3....	12,019	8								
Do.....	Jan. 10....	12,019	10								
Do.....	Jan. 17....	12,019	10								
Do.....	Jan. 24....	12,019	2								
San Juan del Norte.....	Feb. 1....	1,280	0								
Schedam.....	Feb. 8....	26,233	9								
Sheffield.....	do.....	346,707	137						1	2	9
Sonneberg.....	Jan. 5....	12,150	4								
Do.....	Feb. 2....	12,150	6							1	
Southampton.....	Feb. 8....	94,098	49								1
Stettin.....	Feb. 1....	140,000	46								
Stockholm.....	do.....	259,304	83						3	3	1
Stuttgart.....	Feb. 6....	157,700	41								
Sunderland.....	Feb. 8....	140,386	65					2	2		1
Swansea.....	Feb. 1....	95,370	29					1			
Tegucigalpa.....	do.....	12,000	5							8	
Trieste.....	do.....	158,314	88								
Tuxpan.....	Feb. 8....	10,280	8				2				
Vera Cruz.....	Feb. 18....	27,065	29								
Warsaw.....	Jan. 25....	535,968	214		1	3	1	8	2	6	1
Do.....	Feb. 1....	535,968	204		3	2	1	3	4	2	
Yokohama.....	Jan. 10....	126,685	.....					2			
Do.....	Jan. 17....	126,685	.....						2		
Zurich.....	Feb. 1....	139,000	50						1	1	

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General Marine-Hospital Service.

